

**New Mexico - Las Cruces Field Office**  
**FY 2006 Livestock Manure Management Concern - Ranking Criteria Worksheet**

Applicant \_\_\_\_\_ Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_ CMS Field No's. \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_ Tribal Land \_\_\_\_ Non-Tribal Land Facility Status: A \_\_\_\_ B \_\_\_\_ or C \_\_\_\_ (see bottom of sheet)

**1. Distance to Surface Water or Well - 20 Potential Points (10% of Total)**

		Points	Benchmark	After
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, drainage canal, or wetland.	<100 Ft.	20	0	
	101-250 Ft.	15	0	
	251-500 Ft.	10	0	
	501-1,320 Ft.	5	0	
	>1,320 Ft.	0	0	

**2. Depth to Seasonal Water Table - 20 Potential Points (10% of Total)**

		Points	Benchmark	After
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	20	0	
	11-40 Ft.	15	0	
	41-75 Ft.	10	0	
	76 - 100 Ft.	5	0	
	>100 Ft.	0	0	

**3. Monitoring Well Nitrate Contamination - 20 Potential Points (10% of Total)**

		Points	Benchmark	After
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	20		
	5-9 ppm	15		
	10-15 ppm	10		
	15-20 ppm	5		
	>20 ppm	0		

**4. Status of Current Manure Facility/Operation - 60 Potential Points (30% of Total)**

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
Storage and Treatment	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		
Seepage	Adequate	20		
	Exists, inadequate	10		
	Nonexistent	0		

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**5. Manure Utilization**

**(On-Site Land Application A through D - Maximum 80 Points (40% of total) OR**

**(Off-Site Land Application & Other Manure Utilization E - Maximum 80 Points (40% of total)**

See instructions on next page.					Max. Points	Benchmark	After		
<b>A. Animal Density Status/Change</b> <div style="text-align: right; font-size: small;">Extra High = 0 Pts High =(ie. 1) Pts Med. = (ie.3) Pts Low =(ie. 4) Pts</div>					4				
<b>B. Phosphorus Risk</b> (Current/Planned)	Very High 0 Pts	High _5_Points	Medium _10_Points	Low _15_Points	Very Low 18 Pts	18			
<b>C. Potential for Leaching</b>					Yes = 0 Points      No = 18 Points	18			
<b>D. Irrigation Efficiency</b> (Use FIRS to evaluate)					% of Area in Contract (present condition)	% of Area in Contract (planned condition)	Max. Points	Benchmark	After
1-20%									
21-30%							use		
31-40%							exact		
41-50%							FIRS		
51-60%							%age		
61-70%									
71-80%							Max.		
>80%							40 pts.		
OR					OR      OR				
<b>E. Off-Site Land Application and Other Utilization: Waste Utilization Practice in Place</b>					Yes = 80 Points	No = 0 Points	80		
							Total After Points		
							minus Total Benchmark Pts		
							equals Total Pts for Ranking		

Designated Conservationist \_\_\_\_\_

Date \_\_\_\_\_

**A** - Existing facility needing improvements    **B** - Expansion of existing facility    **C** - Development of new facility